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				Application Number		N.E
				Filing Date	December 31, 2001	25
STA	TEMENT BY	/ A	PPLICANT	First Named Inventor	DANIEL P. CRAM	36
				Group Art Unit	2829	10
	(use as many shee	ts as	necessary)	Examiner Name	E. KARLSEN	Ļ
Sheet	1	of	1	Attorney Docket Number	00 0557 1	

		U.S. PATENT DOCU	IMENTS	
aminer Cite	L Kind Co.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AK A	3,767,519	Kojima et al.	10/23/73	
B	5,813,370	Gaynes et al.	9/29/98	
OK C	5,492,863	Higgins, III	2/20/96	· ·
DK D	6,046,599	Long et al.	4/4/00	
E	6,064,218	Godfrey et al.	5/16/00	
F	6,091,256	Long et al.	7/18/00	
OK G	6,064,217	Smith	5/16/00	
DK H	6,072,324	Farnworth	6/6/00	
ZXI	4,833,402	Boegh-Petersen	5/23/89	
ZK J	5,163,834	Chapin et al.	11/17/92	
an K	5,302,891	Wood et al.	4/12/94	
1K L	5,574,382	Kimura	11/12/96	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known		
Application Number	10/037,607	
Filing Date	January 7, 2002	
First Named Inventor	DANIEL P. CRAM	
Art Unit	2829	
Examiner Name	KARLSEN, E.	
Attorney Docket Number	00-0557.1	

		D N	Publication Date	DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
xaminer	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
nitials*	NO.	Number-Kind Code <sup>2</sup> (I known)			Figures Appear
2 AK	Α	<sup>US-</sup> 6,259,036B1	07/10/2001	Farnworth	
SAX	В	<sup>US-</sup> 6,329,829B1	12/11/2001	Farnworth et al.	
77	С	<sup>US-</sup> 6,333,555B1	12/25/2001	Farnworth et al.	
CAK	D	<sup>US-</sup> 6,462,568B1	10/08/2002	Cram	
11/1	E	<sup>US-</sup> 6,483,329B1	11/19/2002	Cram	
TK	F	<sup>US-</sup> 6,529,026B1	03/04/2003	Farnworth et al.	
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		FORE	GN PATENT DOCU	MENTS		
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